Laconia 15691

US 3 / NH 11B

Intersection Safety Improvements

Public Hearing

August 10, 2010

Laconia
CITY ON THE LAKES

New Hampshire DOT
Department of Transportation

Agenda

- Welcome and Introductions
- Review Highway Safety Improvement Program
- Existing Conditions
- Proposed Improvements
- Environmental Review and Findings
- Right of Way Acquisition Process

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Highway Safety Improvement Program (HSIP)

- Reduce the number of fatal or serious injury crashes
- $5.5 million per year
- “Modest” improvements
- Data-driven project selection
  - ⇒59 crashes 2002-2006
  - ⇒21 crashes 2005-2008

Tentative Schedule

- Public Hearing – August 2010
  - Address comments
  - Report of the Commissioner
- Final Design – 2010/11
- Right of way acquisition – 2011
- Advertise project for bids – Aug 2011
- Construction – spring 2012 to fall 2013
  - Utility relocations during winter 2011

Right of Way Process

- Property Impacts
  - Acquisitions
  - Easements
- Purchase Process
- Appeals Process

Environmental Review

- Cultural Resources
  - Historic bridge
  - Archeology
- Natural Resources
  - Permits needed
- Findings

Existing Conditions

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Project Constraints

- Historic bridge and surroundings
- Property impacts
- Maintenance of traffic

Alternatives Considered

- Traffic Signal
  - Two orientations
  - Poor operations due to narrow bridge
- Roundabout
- Interim Improvements

Interim Improvements

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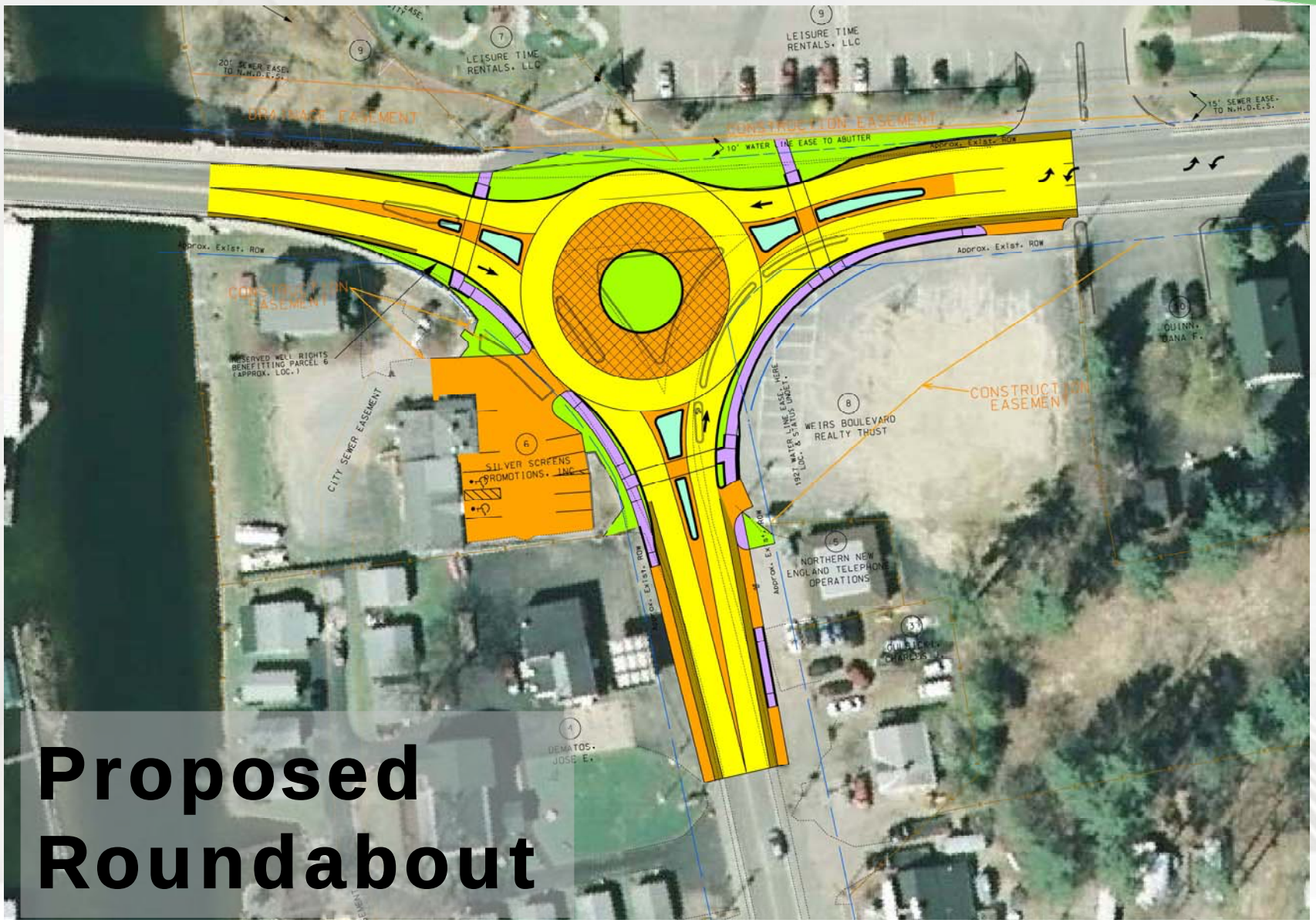

Proposed Roundabout

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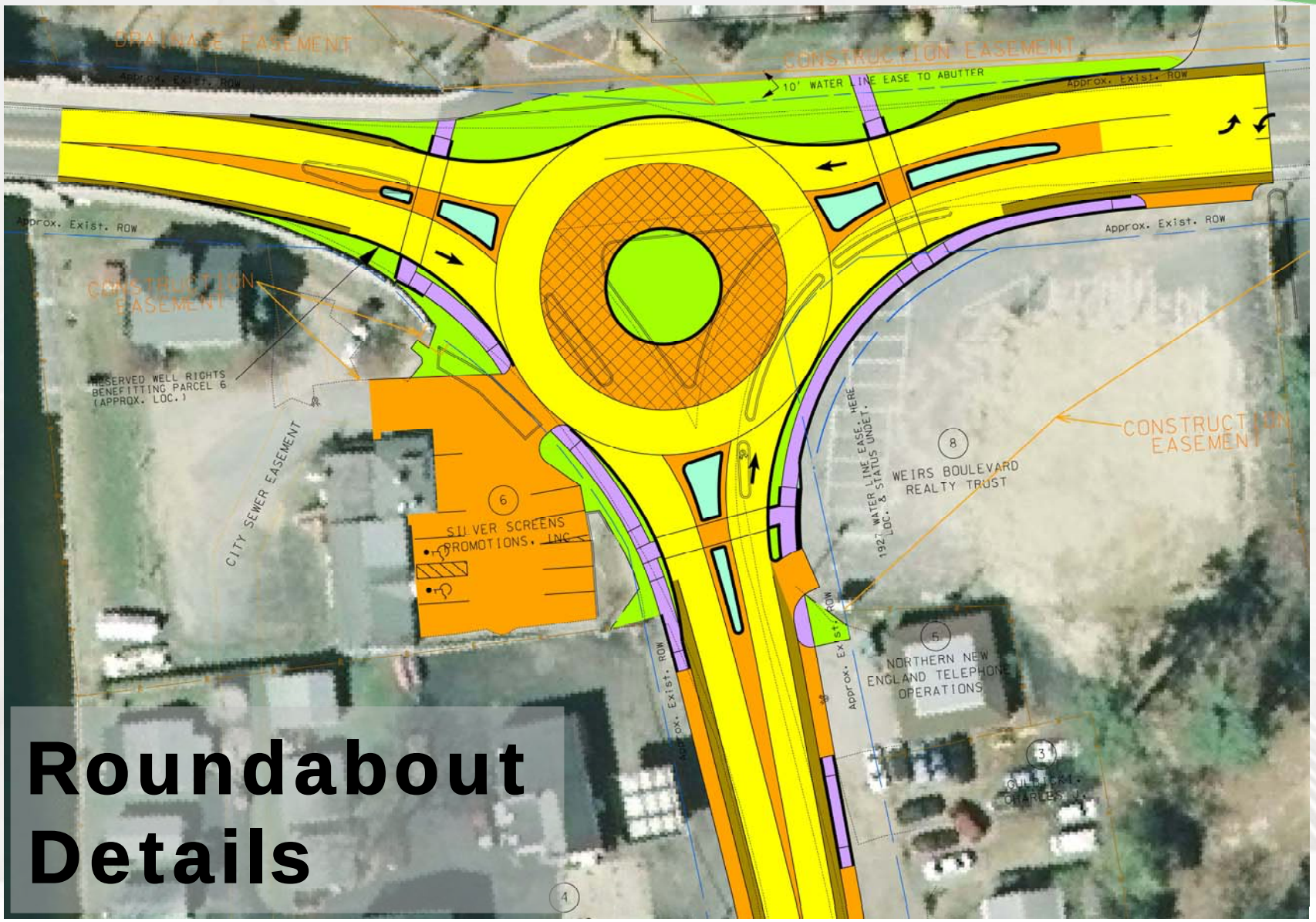

Roundabout Details

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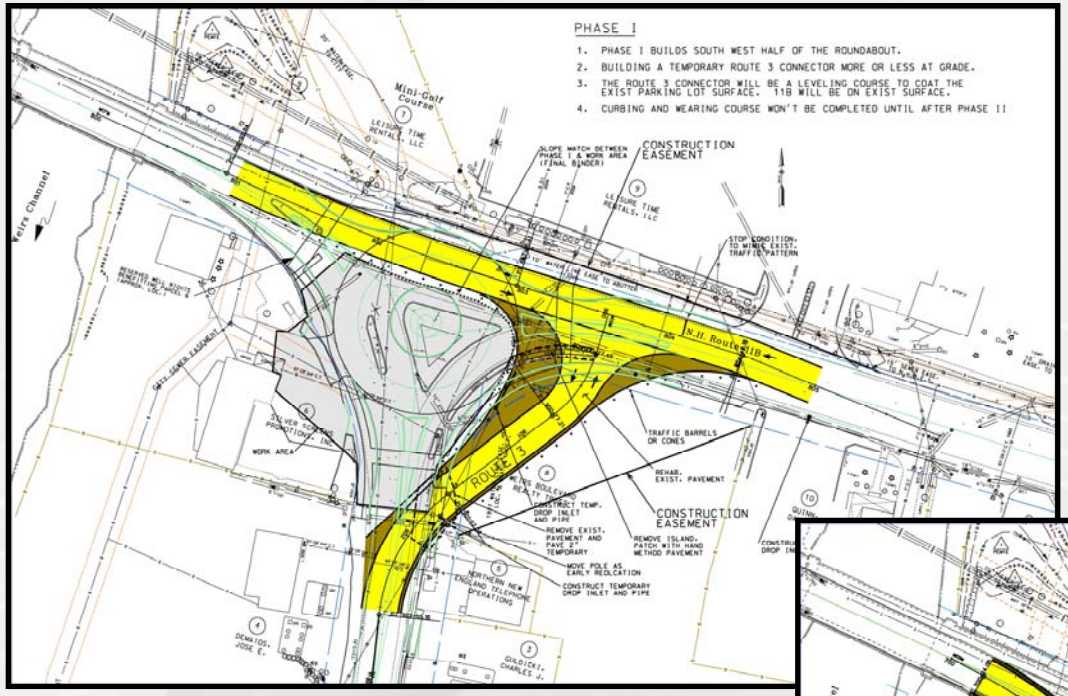
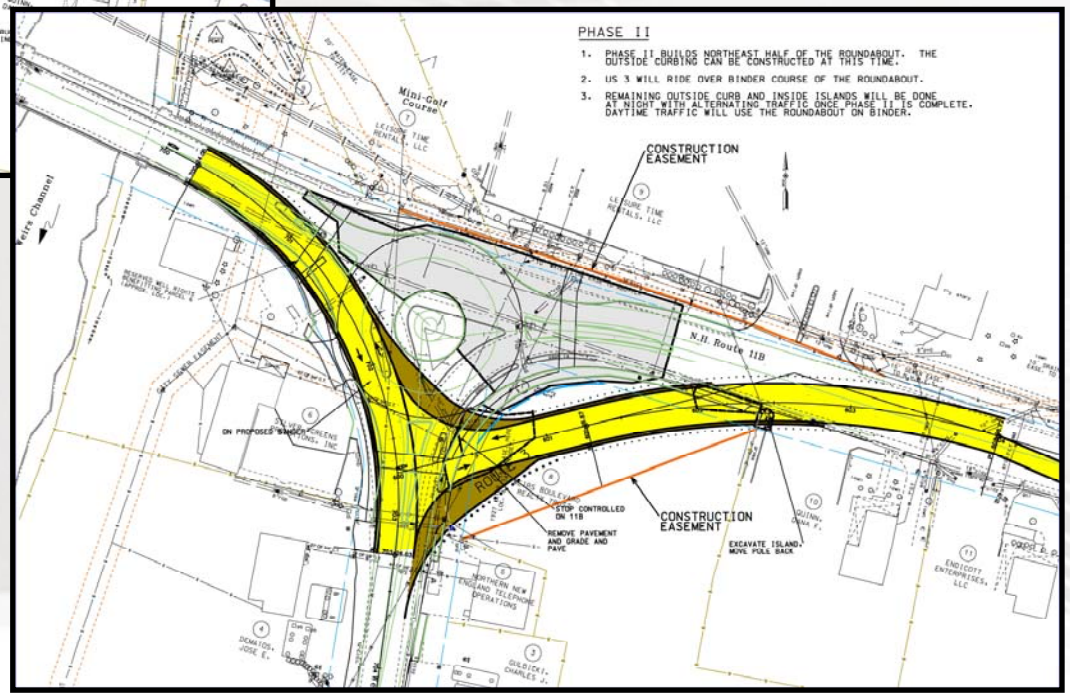

PHASE I
1. PHASE I BUILDS SOUTH WEST HALF OF THE ROUNDABOUT.
2. BUILDING A TEMPORARY ROUTE 3 CONNECTOR MORE OR LESS AT GRADE.
3. THE ROUTE 3 CONNECTOR WILL BE A LEVELING COURSE TO COAT THE EXIST PARKING LOT SURFACE. 11B WILL BE ON EXIST SURFACE.
4. CURBING AND WEARING COURSE WON'T BE COMPLETED UNTIL AFTER PHASE II
CONSTRUCTION EASEMENT
N.H. Route 11B
ROUTE 3
TRAFFIC BARRELS OR CONES
REHAB. EXIST. PAVEMENT
CONSTRUCTION EASEMENT
REMOVE EXIST. PAVEMENT AND PAVE 2" TEMPORARY
REMOVE ISLAND. PATCH WITH HAND METHOD PAVEMENT
MOVE POLE AS EARLY RELOCATION
CONSTRUCT TEMPORARY DROP INLET AND PIPE
Weirs Channel
Mini-Golf Course


PHASE II
1. PHASE II BUILDS NORTHEAST HALF OF THE ROUNDABOUT. THE OUTSIDE CURBING CAN BE CONSTRUCTED AT THIS TIME.
2. US 3 WILL RIDE OVER BINDER COURSE OF THE ROUNDABOUT.
3. REMAINING OUTSIDE CURB AND INSIDE ISLANDS WILL BE DONE AT NIGHT WITH ALTERNATING TRAFFIC ONCE PHASE II IS COMPLETE. DAYTIME TRAFFIC WILL USE THE ROUNDABOUT ON BINDER.
CONSTRUCTION EASEMENT
N.H. Route 11B
ROUTE 3
STOP CONTROLLED ON 11B
REMOVE PAVEMENT AND GRADE AND PAVE
CONSTRUCTION EASEMENT
EXCAVATE ISLAND. MOVE POLE BACK
Weirs Channel
Mini-Golf Course

Traffic Control Plan

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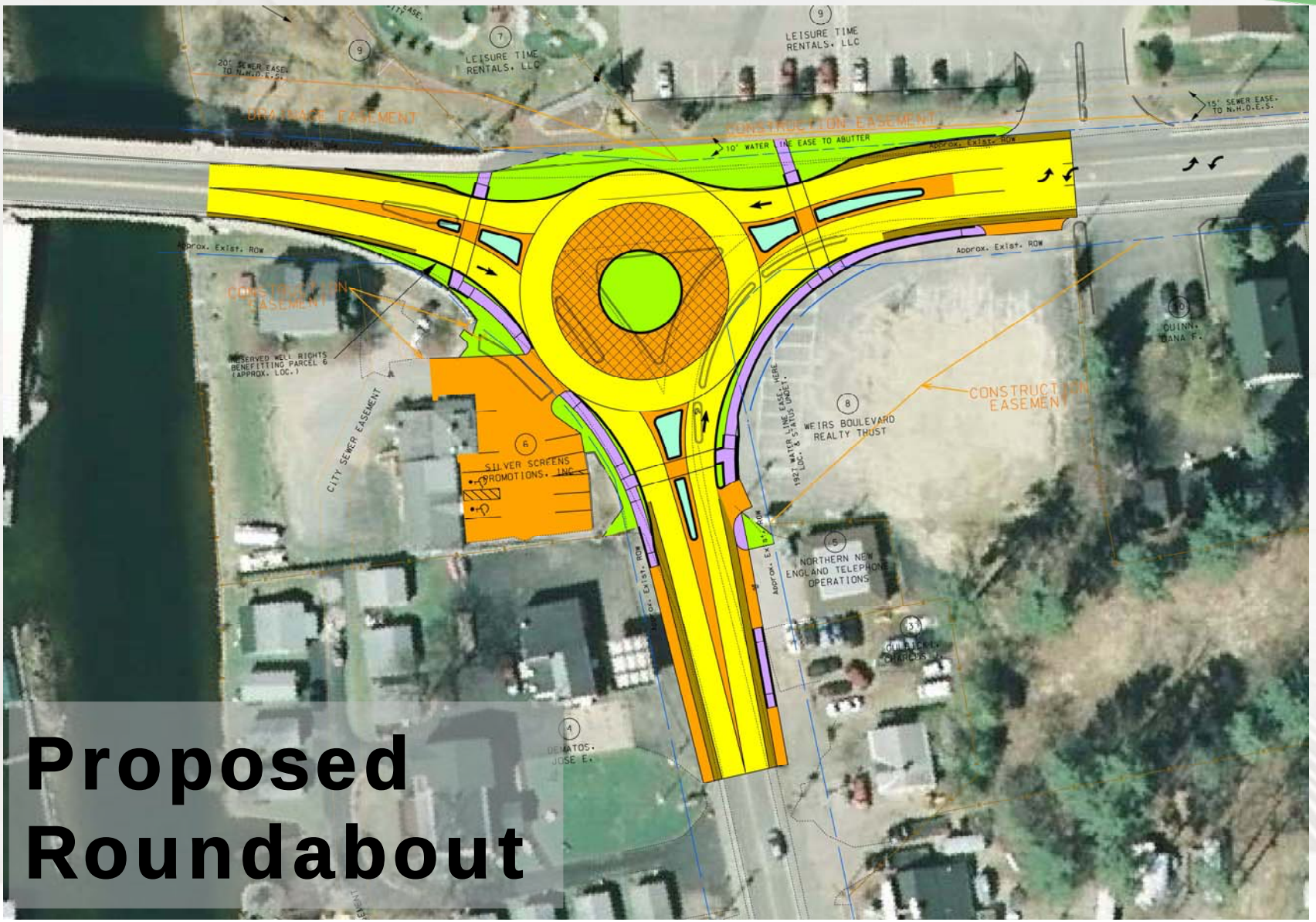

Proposed Roundabout

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